

Henry Castillo

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Motivated and hardworking software engineer with a passion for problem-solving and a commitment to delivering high-quality results. With a fresh perspective and a Master's degree in Human-Computer Interaction, I'm eager to leverage my programming skills to improve any application scalability, reliability and usability. Committed to a culture of excellence and continuous learning.

WORK EXPERIENCE

UX Designer Consultant

09/2022 to 12/2023

Center for Digital Experiences | New York, United States

- Collaborated with product managers and UX designers on the end-to-end design process to translate project requirements and business objectives into polished user interfaces, contributing to a 50% increase in user satisfaction.
- Used wireframes, mock-ups, and prototypes to establish user interface design and architecture, resulting in a 20% increase in user engagement and 15% reduction in navigation time.
- Converted abstract ideas and user needs into personas and storyboards that connected to product and team goals.
- Conducted live user experience testing of components and functionality to gather feedback and continually improve designs.

Founder & Director of Business Development

06/2015 to 01/2022

40minutes Fitness | Bogotá, Colombia

- Developed and implemented a comprehensive business plan and conducted cost/benefit analysis to make informed decisions.
- Managed communication channels for effective marketing including Instagram, Facebook, and Whatsapp.
- Recruited, trained, and managed a staff that grew from 1 to 20 people in 3 years.
- Expanded customers from 0 to 200 in 3 years, resulting in an increase in annual revenue from \$50M (COP) in the first year of business to \$150M (COP) in the third year.

UNIVERSITY PROJECTS

Full-stack Developer

01/2023 to 05/2023

Pratt Institute | New York, United States

- Designed and developed a user-friendly website for a New York City public school, leveraging React for the frontend, PHP and SQL for the backend.
- Integrated AWS S3 bucket to store product images, ensuring efficient storage and retrieval for enhanced user experience.
- Made ordering easier at a NYC public school, cutting mistakes by 40%, making students' parents happy with their orders, and improving efficiency for the school staff.
- Implemented automated unit and integration testing to identify bugs and reduce manual testing hours.

Full-stack Developer

07/2023 to 12/2023

Car Dealership Reviews | New York, United States

- Developed a web application using Python and Django framework, integrating Bootstrap for responsive and visually appealing user interfaces.
- Utilized serverless functions on IBM Cloud to optimize backend processes, enhancing scalability and reducing infrastructure overhead.
- Leveraged IBM Cloud services for database storage and API calls, ensuring secure data management and efficient communication between frontend and backend components.

EDUCATION

Master's Degree (MS) in Information Experience Design

01/2022 to 12/2023

Pratt Institute | New York, United States | GPA: 3.8

Bachelor's Degree (BS) in Industrial Engineering

09/2011 to 08/2015

Universidad El Bosque | Bogotá, Colombia | GPA: 3.7

SKILLS AND COMPETENCIES

- Programming: JavaScript, TypeScript, Python, SQL, PHP.
- Libraries & Frameworks: React, Django, Express JS, Bootstrap, Chakra UI.
- Design: Figma, User Experience UX/UI, Wireframing, Prototyping, Usability Studies.
- Development Practices: Object-oriented Programming, Unit Testing, Data Structures, Database Design.

CERTIFICATIONS

- Front End Developer (Meta, 2023)
- Full Stack Developer (IBM, 2023)
- UX Designer (Google, 2021)